

=> d ibib 1-5

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:670113 CAPLUS
DOCUMENT NUMBER: 131:281604
TITLE: Treatment of chemotherapeutic agent and antiviral agent toxicity with acylated pyrimidine nucleosides
INVENTOR(S): Von Borstel, Reid; Bamat, Michael K.
PATENT ASSIGNEE(S): Pro-Neuron, Inc., USA
SOURCE: U.S., 31 pp., Cont.-in-part U. S. Ser. 176,485.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 13
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5968914	A	19991019	US 1995-472210	19950607
EP 712629	A1	19960522	EP 1995-203050	19881027
EP 712629	B1	20030618		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 10001436	A2	19980106	JP 1997-36734	19881027
JP 3474073	B2	20031208		
JP 2001192335	A2	20010717	JP 2000-379524	19881027
CA 2111571	AA	19930121	CA 1992-2111571	19920625
CA 2111571	C	20050823		
CA 2504078	AA	19930121	CA 1992-2504078	19920625
ES 2160579	T3	20011116	ES 1992-914215	19920625
ZA 9204975	A	19930428	ZA 1992-4975	19920703
IN 175688	A	19950812	IN 1992-CA473	19920706
US 5246708	A	19930921	US 1992-911379	19920713
US 5470838	A	19951128	US 1992-997657	19921230
US 5583117	A	19961210	US 1993-140475	19931025
US 6020320	A	20000201	US 1993-153163	19931117
US 5736531	A	19980407	US 1993-176485	19931230
IN 177670	A	19970215	IN 1994-CA701	19940902
US 5770582	A	19980623	US 1995-419767	19950410
US 5691320	A	19971125	US 1995-465454	19950605 <--
US 6054441	A	20000425	US 1995-463790	19950605
US 6060459	A	20000509	US 1995-465016	19950605
US 6258795	B1	20010710	US 1995-466145	19950606
US 6316426	B1	20011113	US 1995-466144	19950606
US 6232298	B1	20010515	US 1995-479519	19950607
US 6274563	B1	20010814	US 1995-479349	19950607
US 6348451	B1	20020219	US 1995-478736	19950607
US 6919320	B1	20050719	US 1995-473331	19950607
CA 2223640	AA	19961219	CA 1996-2223640	19960606
WO 9640165	A1	19961219	WO 1996-US10067	19960606
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
AU 9661114	A1	19961230	AU 1996-61114	19960606
AU 724805	B2	20000928		
EP 831849	A1	19980401	EP 1996-918461	19960606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1192149	A	19980902	CN 1996-195929	19960606
JP 10511689	T2	19981110	JP 1997-502184	19960606
JP 2003201240	A2	20030718	JP 2003-721	19960606
EP 1491201	A1	20041229	EP 2004-23557	19960606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, AL				
US 2001025032	A1	20010927	US 1999-249790	19990216
US 6344447	B2	20020205		

AU 9952624	A1	19991202	AU 1999-52624	19991001
US 6743782	B1	20040601	US 2000-494242	20000131
US 2004033981	A1	20040219	US 2003-601863	20030624
US 2004192635	A1	20040930	US 2004-824501	20040415
US 2004220134	A1	20041104	US 2004-855835	20040528
PRIORITY APPLN. INFO.:				
			US 1987-115923	B2 19871028
			US 1987-115929	B2 19871028
			US 1989-438493	B2 19890627
			US 1990-487984	B2 19900205
			US 1991-724340	B2 19910705
			US 1992-903107	B2 19920625
			US 1993-61381	B2 19930514
			US 1993-176485	A2 19931230
			US 1988-186031	B2 19880425
			EP 1988-910239	A3 19881027
			JP 1988-509176	A3 19881027
			JP 1994-303877	A3 19881027
			US 1989-341925	B1 19890421
			US 1990-533933	B1 19900605
			US 1990-438493	B2 19900626
			US 1991-653882	B2 19910208
			US 1991-737913	B3 19910729
			CA 1992-2111571	A3 19920625
			IN 1992-CA473	A1 19920706
			US 1992-911379	A3 19920713
			US 1992-925931	B2 19920807
			US 1992-958598	B3 19921007
			US 1992-987730	B2 19921208
			US 1992-997657	A3 19921230
			US 1993-96407	B1 19930726
			US 1993-98884	B1 19930729
			US 1993-153163	A1 19931117
			US 1993-158799	B2 19931201
			US 1994-266897	B3 19940701
			US 1994-289214	A3 19940812
			US 1995-419767	A3 19950410
			US 1995-463740	A1 19950605
			US 1995-472210	A 19950607
			AU 1995-29150	A3 19950630
			EP 1996-918461	A3 19960606
			JP 1997-502184	A3 19960606
			WO 1996-US10067	W 19960606
			US 2000-494242	A3 20000131

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:236253 CAPLUS
 DOCUMENT NUMBER: 128:266247
 TITLE: Compositions of chemotherapeutic agent or antiviral agent with acylated pyrimidine nucleosides
 INVENTOR(S): Von Borstel, Reid W.; Bamat, Michael K.
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., USA
 SOURCE: U.S., 26 pp., Cont.-in-part of U.S. Ser. No. 61,381, abandoned.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 13
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5736531	A	19980407	US 1993-176485	19931230
EP 712629	A1	19960522	EP 1995-203050	19881027
EP 712629	B1	20030618		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 10001436	A2	19980106	JP 1997-36734	19881027

JP 3474073	B2	20031208		
JP 2001192335	A2	20010717	JP 2000-379524	19881027
CA 2111571	AA	19930121	CA 1992-2111571	19920625
CA 2111571	C	20050823		
CA 2504078	AA	19930121	CA 1992-2504078	19920625
ES 2160579	T3	20011116	ES 1992-914215	19920625
ZA 9204975	A	19930428	ZA 1992-4975	19920703
IN 175688	A	19950812	IN 1992-CA473	19920706
US 5246708	A	19930921	US 1992-911379	19920713
US 5470838	A	19951128	US 1992-997657	19921230
US 5583117	A	19961210	US 1993-140475	19931025
US 6020320	A	20000201	US 1993-153163	19931117
IN 177670	A	19970215	IN 1994-CA701	19940902
US 5770582	A	19980623	US 1995-419767	19950410
US 5691320	A	19971125	US 1995-465454	19950605 <--
US 6054441	A	20000425	US 1995-463790	19950605
US 6060459	A	20000509	US 1995-465016	19950605
US 6258795	B1	20010710	US 1995-466145	19950606
US 6316426	B1	20011113	US 1995-466144	19950606
US 5968914	A	19991019	US 1995-472210	19950607
US 6232298	B1	20010515	US 1995-479519	19950607
US 6274563	B1	20010814	US 1995-479349	19950607
US 6348451	B1	20020219	US 1995-478736	19950607
US 6919320	B1	20050719	US 1995-473331	19950607
US 2001025032	A1	20010927	US 1999-249790	19990216
US 6344447	B2	20020205		
AU 9952624	A1	19991202	AU 1999-52624	19991001
US 6743782	B1	20040601	US 2000-494242	20000131
US 2004033981	A1	20040219	US 2003-601863	20030624
US 2004192635	A1	20040930	US 2004-824501	20040415
US 2004220134	A1	20041104	US 2004-855835	20040528

PRIORITY APPLN. INFO.:

US 1987-115923	B2	19871028
US 1987-115929	B2	19871028
US 1989-438493	B2	19890627
US 1990-487984	B2	19900205
US 1991-724340	B2	19910705
US 1992-903107	B2	19920625
US 1993-61381	B2	19930514
US 1988-186031	B2	19880425
EP 1988-910239	A3	19881027
JP 1988-509176	A3	19881027
JP 1994-303877	A3	19881027
US 1989-341925	B1	19890421
US 1990-533933	B1	19900605
US 1990-438493	B2	19900626
US 1991-653882	B2	19910208
US 1991-737913	B3	19910729
CA 1992-2111571	A3	19920625
IN 1992-CA473	A1	19920706
US 1992-911379	A3	19920713
US 1992-925931	B2	19920807
US 1992-958598	B3	19921007
US 1992-987730	B2	19921208
US 1992-997657	A3	19921230
US 1993-96407	B1	19930726
US 1993-98884	B1	19930729
US 1993-153163	A1	19931117
US 1993-158799	B2	19931201
US 1993-176485	A2	19931230
US 1994-266897	B3	19940701
US 1994-289214	A3	19940812
US 1995-419767	A3	19950410
US 1995-463740	A1	19950605
US 1995-472210	A1	19950607
AU 1995-29150	A3	19950630
US 2000-494242	A3	20000131

OTHER SOURCE(S):

MARPAT 128:266247

REFERENCE COUNT:

34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:205056 CAPLUS
 DOCUMENT NUMBER: 124:250921
 TITLE: Pyrimidine nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis
 INVENTOR(S): Von Borstel, Reid W.; Bamat, Michael K.; Hiltbrand, Bradley M.
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., USA
 SOURCE: PCT Int. Appl., 95 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 13
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9601115	A1	19960118	WO 1995-US8259	19950630
W: AU, CA, CN, JP, KR, MX				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
IN 177670	A	19970215	IN 1994-CA701	19940902
US 5691320	A	19971125	US 1995-465454	19950605 <--
US 6232298	B1	20010515	US 1995-479519	19950607
CA 2193967	AA	19960118	CA 1995-2193967	19950630
AU 9529150	A1	19960125	AU 1995-29150	19950630
AU 712679	B2	19991111		
EP 768883	A1	19970423	EP 1995-924764	19950630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1156409	A	19970806	CN 1995-194806	19950630
JP 10505578	T2	19980602	JP 1996-503935	19950630
AU 9952624	A1	19991202	AU 1999-52624	19991001
US 2003212036	A1	20031113	US 2003-421831	20030424
US 2004033981	A1	20040219	US 2003-601863	20030624
US 2004220134	A1	20041104	US 2004-855835	20040528
PRIORITY APPLN. INFO.:				
			US 1994-266897	A 19940701
			US 1987-115929	B2 19871028
			US 1989-438493	B2 19890627
			US 1990-438493	B2 19900626
			IN 1992-CA473	A1 19920706
			US 1992-987730	B2 19921208
			US 1993-158799	B2 19931201
			US 1995-463740	A1 19950605
			US 1995-479519	A1 19950607
			AU 1995-29150	A3 19950630
			WO 1995-US8259	W 19950630
			US 2000-702876	A3 20001101

L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:549080 CAPLUS
 DOCUMENT NUMBER: 121:149080
 TITLE: Pyrimidine nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis
 INVENTOR(S): Von Borstel, Reid Warren; Bamat, Michael Kevin; Hiltbrand, Bradley M.
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., USA
 SOURCE: PCT Int. Appl., 81 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 13
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9413687	A1	19940623	WO 1993-US11531	19931201
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP,				

KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD,
 SE, SK, UA, VN
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
 BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
 CA 2150940 AA 19940623 CA 1993-2150940 19931201
 AU 9457305 A1 19940704 AU 1994-57305 19931201
 EP 679160 A1 19951102 EP 1994-903322 19931201
 EP 679160 B1 20041117
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
 JP 08503699 T2 19960423 JP 1994-510442 19931201
 AT 282627 E 20041215 AT 1994-903322 19931201
 EP 1486210 A1 20041215 EP 2004-20415 19931201
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE
 PT 679160 T 20050228 PT 1994-903322 19931201
 ES 2229212 T3 20050416 ES 1994-903322 19931201
 IL 107900 A1 19991222 IL 1993-107900 19931206
 CN 1095268 A 19941123 CN 1993-121700 19931207
 CN 1089239 B 20020821
 ZA 9309208 A 19940808 ZA 1993-9208 19931208
 IN 177670 A 19970215 IN 1994-CA701 19940902
 US 5691320 A 19971125 US 1995-465454 19950605 <--
 US 6232298 B1 20010515 US 1995-479519 19950607
 HK 1004484 A1 20050422 HK 1998-103632 19980429
 AU 9878813 A1 19981008 AU 1998-78813 19980805
 AU 732120 B2 20010412
 AU 9952624 A1 19991202 AU 1999-52624 19991001
 CN 1309970 A 20010829 CN 2000-134481 20001129
 US 2004033981 A1 20040219 US 2003-601863 20030624
 US 2004220134 A1 20041104 US 2004-855835 20040528
 JP 2005162757 A2 20050623 JP 2004-348587 20041201
 PRIORITY APPLN. INFO.: US 1992-987730 A 19921208
 US 1993-158799 19931201
 US 1987-115929 B2 19871028
 US 1989-438493 B2 19890627
 US 1990-438493 B2 19900626
 IN 1992-CA473 A1 19920706
 EP 1994-903322 A3 19931201
 JP 1994-510442 A3 19931201
 WO 1993-US11531 W 19931201
 US 1994-266897 B3 19940701
 US 1995-463740 A1 19950605
 AU 1995-29150 A3 19950630

OTHER SOURCE(S): MARPAT 121:149080

L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1989:595338 CAPLUS
 DOCUMENT NUMBER: 111:195338
 TITLE: Preparation and therapeutic used of acylated uridine
 and cytidine.
 INVENTOR(S): Von Borstel, Reid Warren; Bamat, Michael Kevin
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., USA
 SOURCE: PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 13
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8903837	A1	19890505	WO 1988-US3823	19881027
W: AU, BR, DK, FI, JP, KR, NO, SU, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AU 8927899	A1	19890523	AU 1989-27899	19881027
EP 339075	A1	19891102	EP 1988-909932	19881027
EP 339075	B1	19930818		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500372	T2	19900208	JP 1988-509176	19881027

JP 2894610	B2	19990524		
CA 1321994	A1	19930907	CA 1988-581429	19881027
AT 93236	E	19930915	AT 1988-909932	19881027
JP 10001436	A2	19980106	JP 1997-36734	19881027
JP 3474073	B2	20031208		
JP 2001192335	A2	20010717	JP 2000-379524	19881027
IN 167680	A	19901208	IN 1988-MA755	19881028
IL 88208	A1	19961016	IL 1988-88208	19881028
ZA 8900232	A	19900627	ZA 1989-232	19890111
US 5583117	A	19961210	US 1993-140475	19931025
IN 177670	A	19970215	IN 1994-CA701	19940902
JP 07228535	A2	19950829	JP 1994-303877	19941207
US 5691320	A	19971125	US 1995-465454	19950605 <--
US 6329350	B1	20011211	US 1995-464939	19950605
US 6258795	B1	20010710	US 1995-466145	19950606
US 6316426	B1	20011113	US 1995-466144	19950606
US 6232298	B1	20010515	US 1995-479519	19950607
US 6274563	B1	20010814	US 1995-479349	19950607
AU 9952624	A1	19991202	AU 1999-52624	19991001
US 2002035086	A1	20020321	US 2001-964514	20010928
US 2004033981	A1	20040219	US 2003-601863	20030624
US 2004220134	A1	20041104	US 2004-855835	20040528
PRIORITY APPLN. INFO.:			US 1987-115929	A2 19871028
			EP 1988-909932	A 19881027
			JP 1988-509176	A3 19881027
			JP 1994-303877	A3 19881027
			WO 1988-US3823	A 19881027
			US 1989-438493	B2 19890627
			US 1990-438493	B2 19900626
			US 1991-737913	B3 19910729
			IN 1992-CA473	A1 19920706
			US 1992-987730	B2 19921208
			US 1992-997657	A3 19921230
			US 1993-158799	B2 19931201
			US 1994-266897	B3 19940701
			US 1995-463740	A1 19950605
			US 1995-466144	A3 19950606
			AU 1995-29150	A3 19950630

OTHER SOURCE(S) : MARPAT 111:195338

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L5 ANSWER 1 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:234127 USPATFULL
TITLE: Compositions and methods for treatment of mitochondrial diseases
INVENTOR(S): von Borstel, Reid W., Potomac, MD, UNITED STATES
PATENT ASSIGNEE(S): Wellstat Therapeutics Corporation, Gaithersburg, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005203066	A1	20050915
APPLICATION INFO.:	US 2005-127171	A1	20050512 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-838136, filed on 20 Apr 2001, PENDING Continuation of Ser. No. US 1998-144096, filed on 31 Aug 1998, GRANTED, Pat. No. US 6472378		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA, 22203, US		
NUMBER OF CLAIMS:	42		
EXEMPLARY CLAIM:	1-46		
LINE COUNT:	1357		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 2 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:179505 USPATFULL
TITLE: Pharmaceutical compositions containing deoxyribonucleosides for wound healing
INVENTOR(S): von Borstel, Reid Warren, Kensington, MD, UNITED STATES
PATENT ASSIGNEE(S): Bamat, Michael Kevin, Chevy Chase, MD, UNITED STATES Wellstat Therapeutics Corporation, Gaithersburg, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6919320	B1	20050719
APPLICATION INFO.:	US 1995-473331		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-419767, filed on 10 Apr 1995, Pat. No. US 5770582 Continuation of Ser. No. US 1993-96407, filed on 26 Jul 1993, ABANDONED Division of Ser. No. US 1992-911379, filed on 13 Jul 1992, Pat. No. US 5246708 Continuation of Ser. No. US 1989-341925, filed on 21 Apr 1989, ABANDONED Continuation-in-part of Ser. No. US 1988-186031, filed on 25 Apr 1988, ABANDONED Continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wilson, James O.		
ASSISTANT EXAMINER:	Owens, Howard V.		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	972		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 3 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:280833 USPATFULL
TITLE: Pyrimidine nucleotide precursors for treatment of systemic inflammation and inflammatory

INVENTOR(S) : hepatitis

von Borstel, Reid W., Potomac, MD, UNITED STATES

Bamat, Michael K., Potomac, MD, UNITED STATES

Hiltbrand, Bradley M., Columbia, MD, UNITED STATES

Pro-Neuron, Inc., Gaithersburg, MD, UNITED STATES (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2004220134 A1 20041104

APPLICATION INFO.: US 2004-855835 A1 20040528 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-463740, filed on 5 Jun 1995, PENDING Division of Ser. No. US 1994-266897, filed on 1 Jul 1994, ABANDONED Continuation-in-part of Ser. No. US 1993-158799, filed on 1 Dec 1993, ABANDONED Continuation-in-part of Ser. No. US 1992-987730, filed on 8 Dec 1992, ABANDONED Continuation-in-part of Ser. No. US 1990-438493, filed on 26 Jun 1990, ABANDONED Continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, ABANDONED

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714

NUMBER OF CLAIMS: 12

EXEMPLARY CLAIM: CLM-01-57

LINE COUNT: 1837

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:59671 USPATFULL

TITLE: Prodrugs activated by targeted catalytic proteins

INVENTOR(S): **von Borstel, Reid**, Potomac, MD, United States
Casadei, Jan M., Bethesda, MD, United States
Kamireddy, Balreddy, Rockville, MD, United States
Kenten, John, Gaithersburg, MD, United States
Martin, Mark T., Germantown, MD, United States
Massey, Richard J., Rockville, MD, United States
Napper, Andrew D., Natick, MA, United States
Simpson, David M., Adelphia, MD, United States
Smith, Rodger, Jefferson, MD, United States
Titmas, Richard C., Rockville, MD, United States
Williams, Richard O., Potomac, MD, United States
IGEN International, Inc., Gaithersburg, MD, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6702705 B1 20040309

APPLICATION INFO.: US 1995-392407 19950222 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-740501, filed on 5 Aug 1991, now abandoned Continuation-in-part of Ser. No. WO 1989-US1951, filed on 4 May 1989 Continuation-in-part of Ser. No. US 1988-190271, filed on 4 May 1988, now abandoned Continuation-in-part of Ser. No. US 392407 Continuation-in-part of Ser. No. US 1991-700210, filed on 12 Jun 1991, now abandoned Continuation-in-part of Ser. No. US 1990-498225, filed on 23 Mar 1990, now patented, Pat. No. US 5229272 Continuation-in-part of Ser. No. WO 1989-US1950, filed on 4 May 1989

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Patterson, Jr., Charles L.

LEGAL REPRESENTATIVE: Evans, Esq., Barry, Kramer Levin Naftalis and Frankel LLP

NUMBER OF CLAIMS: 71

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 45 Drawing Figure(s); 45 Drawing Page(s)

LINE COUNT: 5138

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:44988 USPATFULL

TITLE: **Pyrimidine** nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis

INVENTOR(S): **von Borstel, Reid W.**, Potomac, MD, UNITED STATES

STATES

Bamat, Michael K., Potomac, MD, UNITED STATES

Hiltbrand, Bradley M., Columbia, MD, UNITED STATES

PATENT ASSIGNEE(S): Pro-Neuron Inc. (U.S. corporation)

NUMBER	KIND	DATE
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US 2004033981 A1 20040219

PATENT INFORMATION: US 2003-601863 A1 20030624 (10)

APPLICATION INFO.: RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-266897, filed on 1 Jul

1994, ABANDONED Continuation-in-part of Ser. No. US 1993-158799, filed on 1 Dec 1993, ABANDONED

Continuation-in-part of Ser. No. US 1992-987730, filed on 8 Dec 1992, ABANDONED Continuation-in-part of Ser.

No. US 1990-438493, filed on 26 Jun 1990, ABANDONED

Continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, ABANDONED

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714

NUMBER OF CLAIMS: 57

EXEMPLARY CLAIM: 1

LINE COUNT: 1972

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2003:300810 USPATFULL

TITLE: **Pyrimidine** nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis

INVENTOR(S): **von Borstel, Reid W.**, Potomac, MD, UNITED STATES

STATES

Bamat, Michael K., Potomac, MD, UNITED STATES

Hiltbrand, Bradley M., Columbia, MD, UNITED STATES

PATENT ASSIGNEE(S): Pro Neuron, Inc. (U.S. corporation)

NUMBER	KIND	DATE
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US 2003212036 A1 20031113

PATENT INFORMATION: US 2003-421831 A1 20030424 (10)

APPLICATION INFO.: RELATED APPLN. INFO.: Division of Ser. No. US 2000-702876, filed on 1 Nov 2000, PENDING Continuation of Ser. No. US 1995-479519, filed on 7 Jun 1995, GRANTED, Pat. No. US 6232298

Division of Ser. No. US 1994-266897, filed on 1 Jul 1994, ABANDONED

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714

NUMBER OF CLAIMS: 57

EXEMPLARY CLAIM: 1

LINE COUNT: 1966

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2003:140923 USPATFULL

TITLE: Prodrugs activated by targeted catalytic proteins

INVENTOR(S) :

Kenten, John Henry, Gaithersburg, MD, UNITED STATES
Von Borstel, Reid, Potomac, MD, UNITED STATES
Casadei, Jan M., Bethesda, MD, UNITED STATES
Kamireddy, Balreddy, Rockville, MD, UNITED STATES
Martin, Mark T., Germantown, MD, UNITED STATES
Massey, Richard J., Rockville, MD, UNITED STATES
Napper, Andrew D., Natick, MA, UNITED STATES
Simpson, David M., Adelphi, MD, UNITED STATES
Smith, Rodger G., Jefferson, MD, UNITED STATES
Titmas, Richard C., Rockville, MD, UNITED STATES
Williams, Richard O., Potomac, MD, UNITED STATES
Igen, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096765	A1	20030522
APPLICATION INFO.:	US 2002-205115	A1	20020725 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-325540, filed on 18 Oct 1994, ABANDONED Continuation of Ser. No. US 1992-919851, filed on 31 Jul 1992, ABANDONED Continuation-in-part of Ser. No. US 1991-773042, filed on 10 Oct 1991, ABANDONED Continuation-in-part of Ser. No. US 1991-740501, filed on 5 Aug 1991, ABANDONED		

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

Barry Evans, Esq., Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY, 10022

NUMBER OF CLAIMS:

132

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

59 Drawing Page(s)

LINE COUNT:

7329

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 27 USPATFULL on STN

ACCESSION NUMBER:

2002:92658 USPATFULL

TITLE:

Compositions and methods for treatment of mitochondrial diseases

INVENTOR(S) :

Von Borstel, Reid W., Potomac, MD, UNITED

STATES

Saydoff, Joel A., Middletown, MD, UNITED STATES

NUMBER

KIND

DATE

PATENT INFORMATION:

US 2002049182 A1 20020425

APPLICATION INFO.:

US 2001-930494 A1 20010816 (9)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 2001-763955, filed

on 28 Feb 2001, PENDING A 371 of International Ser. No.

WO 1999-US19725, filed on 31 Aug 1999, UNKNOWN

Continuation-in-part of Ser. No. US 1998-144096, filed

on 31 Aug 1998, PENDING

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe

Road, Arlington, VA, 22201

NUMBER OF CLAIMS:

50

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

16 Drawing Page(s)

LINE COUNT:

2171

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 27 USPATFULL on STN

ACCESSION NUMBER:

2002:34424 USPATFULL

TITLE:

Acyl deoxyribonucleoside derivatives and uses thereof

INVENTOR(S) :

von Borstel, Reid Warren, Darnestown, MD,

United States

Bamat, Michael Kevin, Darnestown, MD, United States

PATENT ASSIGNEE(S) :

Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S.

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6348451	B1	20020219
APPLICATION INFO.:	US 1995-478736		19950607 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-98884, filed on 29 Jul 1993, now abandoned Division of Ser. No. US 1990-487984, filed on 5 Feb 1990, now abandoned Continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Geist, Gary		
ASSISTANT EXAMINER:	Owens, Howard V.		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1512		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 10 OF 27 USPATFULL on STN
 ACCESSION NUMBER: 2001:226607 USPATFULL
 TITLE: **Pyrimidine nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis**
 INVENTOR(S): **von Borstel, Reid W.**, Potomac, MD, United States
 Bamat, Michael K., Potomac, MD, United States
 Hiltbrand, Bradley M., Columbia, MD, United States
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6329350	B1	20011211
APPLICATION INFO.:	US 1995-464939		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-266897, filed on 1 Jul 1994 Continuation-in-part of Ser. No. US 1993-158799, filed on 1 Dec 1993, now abandoned Continuation-in-part of Ser. No. US 1992-987730, filed on 8 Dec 1992, now abandoned Continuation-in-part of Ser. No. US 438493, now abandoned Continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Geist, Gary		
ASSISTANT EXAMINER:	Owens, Jr., Howard V.		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1844		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 11 OF 27 USPATFULL on STN
 ACCESSION NUMBER: 2001:185269 USPATFULL
 TITLE: **Acyl deoxyribonucleoside derivatives and uses thereof**
 INVENTOR(S): **von Borstel, Reid Warren**, Darnestown, MD, United States
 Bamat, Michael Kevin, Darnestown, MD, United States
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6306834	B1	20011023
APPLICATION INFO.:	US 1995-479516		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-309572, filed on 21 Sep 1994, now patented, Pat. No. US 6020322 Continuation of		

Ser. No. US 1993-149469, filed on 9 Nov 1993, now abandoned Division of Ser. No. US 1990-487984, filed on 5 Feb 1990, now abandoned Continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

ASSISTANT EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:168106 USPATFULL

TITLE: Acyl deoxyribonucleoside derivatives and uses thereof

INVENTOR(S): von Borstel, Reid Warren, Darnestown, MD,

United States

Bamat, Michael Kevin, Darnestown, MD, United States

PATENT ASSIGNEE(S): Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6297222 B1 20011002

APPLICATION INFO.: US 1995-466379 19950606 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-309572, filed on 21 Sep 1994, now patented, Pat. No. US 6020322 Continuation of Ser. No. US 1993-149469, filed on 9 Nov 1993, now abandoned Division of Ser. No. US 487984, now abandoned Continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

ASSISTANT EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:165822 USPATFULL

TITLE: TREATMENT OF CHEMOTHERAPEUTIC AGENT AND

ANTIVIRAL AGENT TOXICITY WITH ACYLATED

PYRIMIDINE NUCLEOSIDES

INVENTOR(S): VON BORSTEL, REID W., POTOMAC, MD, United

States

BAMAT, MICHAEL K., POTOMAC, MD, United States

NUMBER KIND DATE

PATENT INFORMATION: US 2001025032 A1 20010927

APPLICATION INFO.: US 6344447 B2 20020205

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-472210, filed on 7 Jun 1995, GRANTED, Pat. No. US 5968914 Continuation of Ser. No. US 1993-176485, filed on 30 Dec 1993, GRANTED, Pat. No. US 5736531 Continuation-in-part of Ser. No. US 1993-61381, filed on 14 May 1993, ABANDONED Continuation-in-part of Ser. No. US 1992-903107, filed on 25 Jun 1992, ABANDONED Continuation-in-part of Ser. No. US 1991-724340, filed on 5 Jul 1991, ABANDONED Continuation-in-part of Ser. No. US 1990-438493, filed

on 26 Jun 1990, ABANDONED Continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, ABANDONED Continuation-in-part of Ser. No. US 1990-487984, filed on 5 Feb 1990, ABANDONED Continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, ABANDONED

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, ATTY LEONARD C MITCHARD, 1100 NORTH GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 222014714

NUMBER OF CLAIMS: 36

EXEMPLARY CLAIM: 1

LINE COUNT: 2891

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:139534 USPATFULL

TITLE: Compositions and methods for treatment of mitochondrial diseases

INVENTOR(S): von Borstel, Reid W., Potomac, MD, United States

PATENT ASSIGNEE(S): Pro-Neuron, Inc. (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2001016576 A1 20010823

APPLICATION INFO.: US 6956028 B2 20051018

RELATED APPLN. INFO.: US 2001-838136 A1 20010420 (9)

Continuation of Ser. No. US 1998-144096, filed on 31 Aug 1998, PENDING

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Nixon & Vanderhye P.C., 8th Floor, 1100 N. Glebe Rd., Arlington, VA, 22201

NUMBER OF CLAIMS: 46

EXEMPLARY CLAIM: 1

LINE COUNT: 1390

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 15 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:107446 USPATFULL

TITLE: Prodrugs activated by targeted catalytic proteins

INVENTOR(S): von Borstel, Reid, Potomac, MD, United States Casadei, Jan M., Bethesda, MD, United States

Kamireddy, Balreddy, Rockville, MD, United States

Kenten, John Henry, Gaithersburg, MD, United States

Martin, Mark T., Germantown, MD, United States

Massey, Richard J., Rockville, MD, United States

Napper, Andrew D., Natick, MA, United States

Simpson, David M., Adelphia, MD, United States

Smith, Rodger G., Jefferson, MD, United States

Titmas, Richard C., Rockville, MD, United States

Williams, Richard O., Potomac, MD, United States

PATENT ASSIGNEE(S): IGEN International, Inc., Gaithersburg, MD, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6258360 B1 20010710

APPLICATION INFO.: US 1994-325554 19941018 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-773042, filed on 10 Oct 1991, now abandoned Continuation-in-part of Ser.

No. US 1991-740501, filed on 5 Aug 1991, now abandoned Continuation-in-part of Ser. No. US 1998-190271, filed

on 4 May 1998, now abandoned, said Ser. No. US 325554 Continuation-in-part of Ser. No. US 1991-700210, filed

on 12 Jun 1991, now abandoned Continuation-in-part of Ser. No. WO 1989-US1951, filed on 4 May 1989

Continuation-in-part of Ser. No. US 1990-498225, filed

on 23 Mar 1990, now patented, Pat. No. US 5229272

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Wortman, Donna C.

LEGAL REPRESENTATIVE: Evans, Esq., BarryKramer Levin Naftalis & Frankel LLP

NUMBER OF CLAIMS: 13

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 45 Drawing Figure(s); 37 Drawing Page(s)

LINE COUNT: 5556

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 16 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:100342 USPATFULL

TITLE: COMPOSITIONS AND METHODS FOR TREATMENT OF MITOCHONDRIAL DISEASES

INVENTOR(S): VON BORSTEL, REID W., POTOMAC, MD, United States

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2001005719	A1	20010628
APPLICATION INFO.: US 6472378	B2	20021029

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE, 1100 N. GLEBE ROAD, 8TH FLOOR,

ARLINGTON, VA, 22201

NUMBER OF CLAIMS: 46

EXEMPLARY CLAIM: 1

LINE COUNT: 1402

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2001:71533 USPATFULL

TITLE: Pyrimidine nucleotide precursors for treatment of systemic inflammation and inflammatory hepatitis

INVENTOR(S): von Borstel, Reid W., Potomac, MD, United States

Bamat, Michael K., Potomac, MD, United States

Hiltbrand, Bradley M., Columbia, MD, United States

PATENT ASSIGNEE(S): Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6232298	B1	20010515

APPLICATION INFO.: US 1995-479519 19950607 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-266897, filed on 1 Jul 1994 Continuation-in-part of Ser. No. US 1993-158799, filed on 19 Dec 1993, now abandoned

Continuation-in-part of Ser. No. US 1992-987730, filed on 8 Dec 1992, now abandoned Continuation-in-part of Ser. No. US 1990-438493, filed on 26 Jun 1990, now abandoned Continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wilson, James O.

ASSISTANT EXAMINER: Owens, Howard

LEGAL REPRESENTATIVE: Nixon & Vanderhye

NUMBER OF CLAIMS: 4

EXEMPLARY CLAIM: 1

LINE COUNT: 1818

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 18 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2000:105884 USPATFULL

TITLE: Method for enhancing hematopoiesis with acyl deoxyribonucleosides
INVENTOR(S): **von Borstel, Reid Warren**, 14309 Brickhowe Ct., Darnestown, MD, United States 20874
Bamat, Michael Kevin, 14309 Brickhowe Ct., Darnestown, MD, United States 20874

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6103701		20000815
APPLICATION INFO.:	US 1995-470027		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-309572, filed on 21 Sep 1994 which is a continuation of Ser. No. US 1993-149469, filed on 9 Nov 1993, now abandoned which is a division of Ser. No. US 1990-487984, filed on 5 Feb 1990, now abandoned which is a continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kunz, Gary L.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1584
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 19 OF 27 USPATFULL on STN
ACCESSION NUMBER: 2000:12785 USPATFULL
TITLE: Acyl deoxyribonucleoside derivatives and uses thereof
INVENTOR(S): **von Borstel, Reid Warren**, Darnestown, MD, United States
Bamat, Michael Kevin, Darnestown, MD, United States
PATENT ASSIGNEE(S): Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6020322		20000201
APPLICATION INFO.:	US 1994-309572		19940921 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-149469, filed on 9 Nov 1993, now abandoned which is a division of Ser. No. US 487984		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kunz, Gary L.
LEGAL REPRESENTATIVE: Nixon & Vanderhye
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 1585
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 20 OF 27 USPATFULL on STN
ACCESSION NUMBER: 1999:128530 USPATFULL
TITLE: Treatment of chemotherapeutic agent and antiviral agent toxicity with acylated pyrimidine nucleosides
INVENTOR(S): **von Borstel, Reid**, Potomac, MD, United States
Bamat, Michael K., Potomac, MD, United States
PATENT ASSIGNEE(S): Pro-Neuron, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5968914		19991019
APPLICATION INFO.:	US 1995-472210		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-176485, filed		

on 30 Dec 1993 which is a continuation-in-part of Ser. No. US 1993-61381, filed on 14 May 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-903107, filed on 25 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-724340, filed on 5 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-438493, filed on 26 Jun 1990, now abandoned And Ser. No. US 1990-487984, filed on 5 Feb 1990, now abandoned which is a continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned , said Ser. No. US 438493 which is a continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kunz, Gary L.
LEGAL REPRESENTATIVE: Nixon & Vanderhye
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
LINE COUNT: 3065
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 21 OF 27 USPATFULL on STN
ACCESSION NUMBER: 1998:72607 USPATFULL
TITLE: Pharmaceutical compositions containing
deoxyribonucleosides for wound healing
INVENTOR(S): **von Borstel, Reid Warren**, Kensington, MD,
United States
PATENT ASSIGNEE(S): Bamat, Michael Kevin, Chevy Chase, MD, United States
Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S.
corporation)

NUMBER	KIND	DATE
US 5770582		19980623
US 1995-419767		19950410 (8)
Continuation of Ser. No. US 1993-96407, filed on 26 Jul 1993, now abandoned which is a division of Ser. No. US 1992-911379, filed on 13 Jul 1992, now patented, Pat. No. US 5246708 which is a continuation of Ser. No. US 1989-341925, filed on 21 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-186031, filed on 25 Apr 1988, now abandoned which is a continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kunz, Gary L.
LEGAL REPRESENTATIVE: Nixon & Vanderhye
NUMBER OF CLAIMS: 54
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Figure(s); 9 Drawing Page(s)
LINE COUNT: 1132
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 22 OF 27 USPATFULL on STN
ACCESSION NUMBER: 1998:36739 USPATFULL
TITLE: Compositions of chemotherapeutic agent or
antiviral agent with acylated
pyrimidine nucleosides
INVENTOR(S): **von Borstel, Reid W.**, Potomac, MD, United
States
PATENT ASSIGNEE(S): Bamat, Michael K., Potomac, MD, United States
Pro-Neuron, Inc., Rockville, MD, United States (U.S.
corporation)

NUMBER	KIND	DATE

PATENT INFORMATION: US 5736531 19980407
APPLICATION INFO.: US 1993-176485 19931230 (8)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-61381, filed on 14 May 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-903107, filed on 25 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-724340, filed on 5 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1989-438493, filed on 27 Jun 1989, now abandoned which is a continuation-in-part of Ser. No. US 1987-115929, filed on 27 Oct 1987, now abandoned, said Ser. No. US -724340 which is a continuation-in-part of Ser. No. US 1990-487984, filed on 5 Feb 1990, now abandoned which is a continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Kunz, Gary L.

LEGAL REPRESENTATIVE: Nixon & Vanderhye

NUMBER OF CLAIMS: 13

EXEMPLARY CLAIM: 1

LINE COUNT: 2580

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 27 USPATFULL on STN

ACCESSION NUMBER: 97:109880 USPATFULL

TITLE: Acylated **pyrimidine** nucleosides for treatment of systemic inflammation and inflammatory hepatitis
INVENTOR(S): **von Borstel, Reid W.**, Potomac, MD, United States

Bamat, Michael K., Potomac, MD, United States

Hiltbrand, Bradley M., Columbia, MD, United States

PATENT ASSIGNEE(S): Pro-Neuron, Inc., Rockville, MD, United States (U.S. corporation)

NUMBER	KIND	DATE
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US 5691320 19971125

US 1995-465454 19950605 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-266897, filed on 1 Jul 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-158799, filed on 1 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-987730, filed on 8 Dec 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-438493, filed on 26 Jun 1990, now abandoned which is a continuation-in-part of Ser. No. US 1987-115929, filed on 28 Oct 1987, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Kunz, Gary L.

LEGAL REPRESENTATIVE: Nixon & Vanderhye P.C.

NUMBER OF CLAIMS: 20

EXEMPLARY CLAIM: 1

LINE COUNT: 1955

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 24 OF 27 USPATFULL on STN

ACCESSION NUMBER: 93:78557 USPATFULL

TITLE: Methods for promoting wound healing with deoxyribonucleosides

INVENTOR(S): **von Borstel, Reid W.**, Kensington, MD, United States

Bamat, Michael K., Chevy Chase, MD, United States

PATENT ASSIGNEE(S): Pro-Neuron, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5246708		19930921
APPLICATION INFO.:	US 1992-911379		19920713 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1989-341925, filed on 21 Apr 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-186031, filed on 25 Apr 1988, now abandoned which is a continuation-in-part of Ser. No. US 1987-115923, filed on 28 Oct 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rollins, John W.		
ASSISTANT EXAMINER:	Kunz, Gary L.		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	40		
EXEMPLARY CLAIM:	25		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	1043		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 25 OF 27 USPAT2 on STN
 ACCESSION NUMBER: 2001:165822 USPAT2
 TITLE: Treatment of chemotherapeutic agent and antiviral agent toxicity with acylated pyrimidine nucleosides
 INVENTOR(S): von Borstel, Reid W., Potomac, MD, United States
 Bamat, Michael K., Potomac, MD, United States
 PATENT ASSIGNEE(S): Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6344447	B2	20020205
APPLICATION INFO.:	US 1999-249790		19990216 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-472210, filed on 7 Jun 1995, now patented, Pat. No. US 5968914		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Geist, Gary		
ASSISTANT EXAMINER:	Owens, Howard V.		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	39		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	2861		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 26 OF 27 USPAT2 on STN
 ACCESSION NUMBER: 2001:139534 USPAT2
 TITLE: Compositions and methods for treatment of mitochondrial diseases
 INVENTOR(S): von Borstel, Reid W., Potomac, MD, UNITED STATES
 PATENT ASSIGNEE(S): Wellstat Therapeutics Corporation, Gaithersburg, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6956028	B2	20051018
APPLICATION INFO.:	US 2001-838136		20010420 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-144096, filed on 31 Aug 1998, Pat. No. US 6472378		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wilson, James O.		
ASSISTANT EXAMINER:	Krishnan, Ganapathy		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		

NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1321
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 27 OF 27 USPAT2 on STN
ACCESSION NUMBER: 2001:100342 USPAT2
TITLE: Compositions and methods for treatment of mitochondrial diseases
INVENTOR(S): von Borstel, Reid W., Potomac, MD, United States
PATENT ASSIGNEE(S): Pro-Neuron, Inc., Gaithersburg, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6472378	B2	20021029
APPLICATION INFO.:	US 1998-144096		19980831 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Ketter, James		
ASSISTANT EXAMINER:	Schnizer, Richard		
LEGAL REPRESENTATIVE:	Nixon & Vanderhye		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	1303		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib 1-13

L4 ANSWER 1 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2004:38424 EPFULL
ENTRY DATE PATENT: 20041222
ENTRY DATE PUBLICATION: 20041222
UPDATE DATE PUBLICAT.: 20050907
DATA UPDATE DATE: 20050907
DATA UPDATE WEEK: 200536
TITLE (ENGLISH): **Pyrimidine** nucleotide precursors for treatment of inflammatory hepatitis
TITLE (FRENCH): Precureurs de nucleotides de **pyrimidine** utilises pour le traitement de l'hepatite inflamatoire
TITLE (GERMAN): Pyrimidinnukleotid-Vorlaeufer zur Behandlung entzuendlicher Hepatitis
INVENTOR(S): von Borstel, Reid Warren, 8811 Falls Road, Potomac MD 20854, US; Bamat, Michael Kevin, 10301 South Glen Road, Potomac MD 20854, US; Hiltbrand, Bradley M., 36 Campbell Lane, Menlo Park, California, US
PATENT APPLICANT(S): Wellstat Therapeutics Corporation, 930 Clopper Road, Gaithersburg, MD 20878, US
PATENT APPL. NUMBER: 1101085
AGENT: MacLean, Martin Robert, et al, Mathys & Squire 120 Holborn, London EC1N 2SQ, GB
AGENT NUMBER: 91311
DOCUMENT TYPE: Patent
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
PATENT INFO TYPE: EPA1 Application published with search report
PATENT INFORMATION:

NUMBER	KIND	DATE
EP 1486210	A1	20041215
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE		
EP 2004-20415	A	19931201
EP 1994-903322		19940623 EP 679160 Parent
Application		
PRIORITY INFO.: US 1992-987730	A	19921208

L4 ANSWER 2 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1996:51505 EPFULL
UPDATE DATE PUBLICAT.: 20050323
DATA UPDATE DATE: 20050323
DATA UPDATE WEEK: 200512
TITLE (ENGLISH): METHODS OF REDUCING TOXICITY OF CHEMOTHERAPEUTIC AND **ANTIVIRAL** AGENTS WITH ACYLATED **PYRIMIDINE** NUCLEOSIDES
TITLE (FRENCH): PROCEDES DE REDUCTION DE LA TOXICITE D'AGENTS CHIMIOTHERAPEUTIQUES ET ANTIVIRaux AVEC DES NUCLEOSIDES DE PYRIMIDE ACYLES
TITLE (GERMAN): VERFAHREN ZUR TOXIZITAETSVERMINDERUNG CHEMOTHERAPEUTISCHER UND ANTIVIRALER WIRKSTOFFE MIT ACYLIERTEN PYRIMIDINNUCLEOSIDEN
INVENTOR(S): VON BORSTEL, Reid, W., c/o Pro-Neuron 16020 Industrial Drive, Gaithersburg, MD 20877, US; Bamat, Michael, K., 10301 South Glen Road, Potomac, MD 20854, US
PATENT APPLICANT(S): Wellstat Therapeutics Corporation, (Pro-Neuron, Inc.), 930 Clopper Road, Gaithersburg, MD 20878, US
PATENT APPL. NUMBER: 1101085
AGENT: MacLean, Martin Robert, et al, Mathys & Squire 120 Holborn, London EC1N 2SQ, GB
AGENT NUMBER: 91311

DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPAl Application published with search report
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 831849	A1	19980401
WO 9640165		19961219
DESIGNATED STATES: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
EXTENSION STATES: AL LT LV SI		
APPLICATION INFO.: EP 1996-918461	A	19960606
RELATED DOC. INFO.: WO 1996-US10067	A	19960606
PRIORITY INFO.: EP 2004-23557	20041004	EP 1491201
Divisional Application		
PRIORITY INFO.: US 1995-472210	A	19950607

L4 ANSWER 3 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1995:22248 EPFULL
 DATA UPDATE DATE: 20040609
 DATA UPDATE WEEK: 200424
 TITLE (ENGLISH): Acyl deoxyribonucleoside derivatives and uses thereof
 TITLE (FRENCH): Derives acyles de deoxyribonucleoside et leurs utilisations
 TITLE (GERMAN): Acyldeoxyribonukleosid-Derivate und Verwendungen davon
 INVENTOR(S): von Borstel, Reid W., 8409 Fenway Road, Bethesda, MD 20817, US; Bamat, Michael K., 10301 South Glen Road, Potomac, MD 20854, US
 PATENT APPLICANT(S): Wellstat Therapeutics Corporation, (Pro-Neuron, Inc.), 930 Clopper Road, Gaithersburg, MD 20878, US
 PATENT APPL. NUMBER: 1101085
 AGENT: Schlich, George William, et al, Mathys & Squire European Patent Attorneys, 100 Gray's Inn Road, London WC1X 8AL, GB
 AGENT NUMBER: 75591
 DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
EP 712629	B1	20030618
DESIGNATED STATES: AT BE CH DE FR GB IT LI LU NL SE		
APPLICATION INFO.: EP 1995-203050	A	19881027
RELATED DOC. INFO.: EP 1988-910239	19890511	EP 355131 Parent Application
PRIORITY INFO.: US 1987-115923	A	19871028
CITED NON PATENT LIT.: PATENT ABSTRACTS OF JAPAN vol. 9 no. 160 (C-289) [1883] , 4 June 1985 & JP-A-60 034913 (SEIKAGAKU KOGYO K.K.) 22 February 1985, ;		
PATENT ABSTRACTS OF JAPAN vol. 6 no. 266 (C-142) [1144] , 25 December 1982 & JP-A-57 156418 (SUMITOMO KAGAKU K.K.) 27 September 1982,		

L4 ANSWER 4 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1992:52912 EPFULL
 DATA UPDATE DATE: 20020911
 DATA UPDATE WEEK: 200237

TITLE (ENGLISH) : TREATMENT OF CHEMOTHERAPEUTIC AGENT AND
ANTIVIRAL AGENT TOXICITY WITH ACYLATED
PYRIMIDINE NUCLEOSIDES
 TITLE (FRENCH) : TRAITEMENT D'UN AGENT CHIMIOTHERAPEUTIQUE ET DE LA
 TOXICITE D'UN AGENT **ANTIVIRAL** PAR DES
 NUCLEOSIDES DE **PYRIMIDINE** ACYLEE
 TITLE (GERMAN) : BEHANDLUNG DER TOXISCHEN WIRKUNG VON
 CHEMOTHERAPEUTISCHEN UND ANTIVIRALEN WIRKSTOFFEN MIT
 ACYLIERTEN PYRIMIDINNUCLEOSIDEN
 INVENTOR(S) : **VON BORSTEL, Reid, W., 11611 Glen Road, Potomac,**
MD 20854, US; BAMAT, Michael, K., 10301 South Glen
 Road, Potomac, MD 20854, US
 PATENT APPLICANT(S) : PRO-NEURON, INC., 16020 Industrial Drive, Gaithersburg,
 MD 20877, US
 PATENT APPL. NUMBER: 1101081
 AGENT: Schlich, George William, et al, Mathys & Squire
 European Patent Attorneys, 100 Gray's Inn Road, London
 WC1X 8AL, GB
 AGENT NUMBER: 75591
 DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 594667	B1	20010919
WO 9301202		19930121
DESIGNATED STATES: AT BE CH DE DK ES FR GB GR IT LI LU NL SE		
APPLICATION INFO.: EP 1992-914215	A	19920625
PRIORITY INFO.: WO 1992-US5324	A	19920625
CITED NON PATENT LIT.: US 1991-724340	A	19910705
CITED PATENT LIT.: Biochemical Pharmacology, Volume 28, issued 1979, W.D. ENSMINGER et al., "Thymidine 5'-O-Pivaloate, A Prodrug Derivative of Thymidine With Potential Applications in High-Dose Methotrexate Therapy", pages 1541-1545, especially page 1545.		
EP 56265	A	
WO 8903838	A	
WO 9213561	A	
US 4757139	A	

L4 ANSWER 5 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1989:52093 EPFULL
 DATA UPDATE DATE: 19931124
 DATA UPDATE WEEK: 199347
 TITLE (ENGLISH) : PHARMACEUTICAL COMPOSITION CONTAINING
 DEOXYRIBONUCLEOSIDES FOR WOUND HEALING
 COMPOSES PHARMACEUTIQUES CONTENANT DES
 DESOXYRIBONUCLEOSIDES POUR LA GUERISON DES PLAIES
 ARZNEIMITTELZUSAMMENSETZUNG, ENTHALTEND
 DEOXYRIBONUCLEOSIDE FUER HEILUNG VON WUNDEN
 INVENTOR(S) : **VON BORSTEL, Reid, Warren, 3115 University**
Boulevard West, Kensington, MD 20895, US; BAMAT,
 Michael, Kevin, 6516 Western Avenue, Chevy Chase, MD
 20815, US
 PATENT APPLICANT(S) : PRO-NEURON, INC., 1530 East Jefferson Street,
 Rockville, MD 20852, US
 PATENT APPL. NUMBER: 1101080
 AGENT: Ritter, Stephen David, et al, Mathys & Squire 100 Grays
 Inn Road, London WC1X 8AL, GB
 AGENT NUMBER: 35281

DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 420862	B1	19931124
WO 8910129		19891102
AT BE CH DE FR GB IT LI LU NL SE		
EP 1989-905906	A	19890421
WO 1989-US1728	A	19890421
US 1988-186031	A	19880425
CITED NON PATENT LIT.:		
Journal of Pharmaceutical Sciences, vol. 76, no. 2, 1987, American Pharmaceutical Association, (Washington, D.C.), p. 180, lines 10-12		
CA 835941	A	
FR 2556727	A	
US 3856776	A	
US 3860706	A	
US 3991045	A	
US 4208406	A	
US 4560678	A	
US 4657896	A	
US 4757139	A	
US 4785553	A	

CITED PATENT LIT.:

L4 ANSWER 6 OF 13 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1988:50998 EPFULL
 DATA UPDATE DATE: 19960904
 DATA UPDATE WEEK: 199636
 TITLE (ENGLISH): ACYL DEOXYRIBONUCLEOSIDE DERIVATIVES AND USES THEREOF
 TITLE (FRENCH): DERIVES DE DESOXYRIBONUCLEOSIDES D'ACYLE ET LEURS UTILISATIONS
 TITLE (GERMAN): ACYL DEOXYRIBONUKLEOSID-DERIVATE UND DEREN VERWENDUNGEN
 INVENTOR(S): VON BORSTEL, Reid, Warren, 3115 University Blvd.
 West, Kensington, MD 20895, US; BAMAT, Michael, Kevin, 6516 Western Avenue, Chevy Chase, MD 20815, US
 PRO-NEURON, INC., 1530 East Jefferson Street, Rockville, MD 20852, US
 PATENT APPLICANT(S):
 PATENT APPL. NUMBER: 1101080
 AGENT: Ritter, Stephen David, et al, Mathys & Squire 100 Grays Inn Road, London WC1X 8AL, GB
 AGENT NUMBER: 35281
 DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 355131	B1	19960904
WO 8903838		19890505
AT BE CH DE FR GB IT LI LU NL SE		
EP 1988-910239	A	19881027
WO 1988-US3824	A	19881027
RELATED DOC. INFO.:	EP 1995-203050	19951109 EP 712629

PRIORITY INFO.: Divisional Application
US 1987-115923 A 19871028
CITED NON PATENT LIT.: BIOCHEMISTRY, vol. 13, no. 3, 29 January 1974; M.J.
ROBINS et al., pp. 553-559#;
BIOCHEMISTRY, vol. 14, no. 14, 15 July 1974; S.P.
DUTTA et al., pp. 3144-3151#;
BIOCHEMISTRY, vol. 20, no. 1, 06 January 1981,
American Chemical Society; A. BHUTA et al., pp. 8-15#;
BIOCHEMISTRY, vol. 20, no. 12, 09 June 1981,
American Chemical Society; K. QUIGGLE et al., pp.
3480-3485#;
JOURNAL OF AMERICAN CHEMICAL SOCIETY, vol. 104, no.
2, 1982, American Chemical Society; G. BUeCHI et al.,
pp. 544-547#;
PURE AND APPLIED CHEMISTRY, vol. 52, no. 12, 1980,
IUPAC (GB); T. MATSUURA et al., pp. 2705-2715#;
JOURNAL OF CARBOHYDRATE. NUCLEOSIDES. NUCLEOTIDES,
vol. 4, no. 6, 1977, Marcel Dekker, Inc.; E.K. RYU et
al., pp. 387-408#;
CHEMICAL & PHARMACEUTICAL BULLETIN; Vol. 33, nr. 7
1985, p. 2956-61

CITED PATENT LIT.: EP 268309 A
EP 56265 A
DE 1941942 A
DE 2147094 A
FR 2096712 A
JP 5791995 A
JP 5849315 A
JP 6028929 A
JP 6064907 A
JP 58167598 A
JP 60174797 A
US 3975367 A
US 3991045 A
US 4675189 A
US 4757139 A
US 4758533 A

L4 ANSWER 7 OF 13
ACCESSION NUMBER: PCTFULL COPYRIGHT 2006 Univentio on STN
TITLE (ENGLISH): 2000011952 PCTFULL ED 20020515
COMPOSITIONS AND METHODS FOR TREATMENT OF MITOCHONDRIAL
DISEASES
TITLE (FRENCH): COMPOSITIONS ET PROCEDES DE TRAITEMENT DES MALADIES
MITOCHONDRIALES
INVENTOR(S): VON BORSTEL, Reid, W.
PATENT ASSIGNEE(S): PRO-NEURON, INC.;
VON BORSTEL, Reid, W.
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 2000011952	A1	20000309

DESIGNATED STATES
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

APPLICATION INFO.: WO 1999-US19725 A 19990831
PRIORITY INFO.: US 1998-09/144,096 19980831

L4 ANSWER 8 OF 13 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1996001115 PCTFULL ED 20020514
TITLE (ENGLISH): PYRIMIDINE NUCLEOTIDE PRECURSORS FOR

TREATMENT OF SYSTEMIC INFLAMMATION AND INFLAMMATORY
HEPATITIS

TITLE (FRENCH) :

PRECURSEURS DE NUCLEOTIDES DE **PYRIMIDINE**,
SERVANT DANS LE TRAITEMENT DES INFLAMMATIONS
SYSTEMIQUES ET DE L'HEPATITE INFLAMMATOIRE

INVENTOR(S) :

VON BORSTEL, Reid, W.;
BAMAT, Michael, K.;
HILTBRAND, Bradley, M.
PRO-NEURON, INC.

PATENT ASSIGNEE(S) :

LANGUAGE OF PUBL. :

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER KIND DATE

WO 9601115 A1 19960118

DESIGNATED STATES

W:

AU CA CN JP KR MX AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE

APPLICATION INFO.:

WO 1995-US8259 A 19950630

PRIORITY INFO.:

US 1994-266,897 19940701

L4 ANSWER 9 OF 13

ACCESSION NUMBER:

TITLE (ENGLISH) :

PCTFULL COPYRIGHT 2006 Univentio on STN

1994026761 PCTFULL ED 20020513

TREATMENT OF CHEMOTHERAPEUTIC AGENT AND
ANTIVIRAL AGENT TOXICITY WITH ACYLATED
PYRIMIDINE NUCLEOSIDES

TITLE (FRENCH) :

TRAITEMENT DE LA TOXICITE DES AGENTS
CHIMIOTHERAPEUTIQUES ET DES AGENTS ANTIVIRaux AVEC DES
NUCLEOSIDES DE **PYRIMIDINE** ACYLES

INVENTOR(S) :

VON BORSTEL, Reid, Warren;

BAMAT, Michael, Kevin

PRO-NEURON, INC.

English

Patent

NUMBER KIND DATE

WO 9426761 A1 19941124

DESIGNATED STATES

W:

AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

APPLICATION INFO.:

WO 1993-US12689 A 19931230

PRIORITY INFO.:

US 1993-8/061,381 19930514

L4 ANSWER 10 OF 13

ACCESSION NUMBER:

TITLE (ENGLISH) :

PCTFULL COPYRIGHT 2006 Univentio on STN

1994013687 PCTFULL ED 20020513

PYRIMIDINE NUCLEOTIDE PRECURSORS FOR
TREATMENT OF SYSTEMIC INFLAMMATION AND INFLAMMATORY
HEPATITIS

TITLE (FRENCH) :

PRECURSEURS DE NUCLEOTIDES DE **PYRIMIDINE**

UTILISES POUR LE TRAITEMENT D'INFLAMMATIONS SYSTEMIQUES
ET DE L'HEPATITE INFLAMMATOIRE

INVENTOR(S) :

VON BORSTEL, Reid, Warren;

BAMAT, Michael, Kevin;

HILTBRAND, Bradley, M.

PRO-NEURON, INC.

English

Patent

NUMBER KIND DATE

WO 9413687 A1 19940623

DESIGNATED STATES

W:

AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR
KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA VN
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.:

WO 1993-US11531 A 19931201

PRIORITY INFO.: US 1992-987,730 19921208

L4 ANSWER 11 OF 13 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1993001202 PCTFULL ED 20020513

TITLE (ENGLISH): TREATMENT OF CHEMOTHERAPEUTIC AGENT AND
ANTIVIRAL AGENT TOXICITY WITH ACYLATED
PYRIMIDINE NUCLEOSIDES

TITLE (FRENCH): TRAITEMENT D'UN AGENT CHIMIOTHERAPEUTIQUE ET DE LA
TOXICITE D'UN AGENT ANTIVIRAL PAR DES
NUCLEOSIDES DE PYRIMIDINE ACYLEE

INVENTOR(S): VON BORSTEL, Reid, W.;
BAMAT, Michael, K.

PATENT ASSIGNEE(S): PRO-NEURON, INC.

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9301202	A1	19930121

DESIGNATED STATES

W: AU BR CA FI JP KR NO AT BE CH DE DK ES FR GB GR IT LU
MC NL SE

APPLICATION INFO.: WO 1992-US5324 A 19920625
PRIORITY INFO.: US 1991-724,340 19910705

L4 ANSWER 12 OF 13 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1989010129 PCTFULL ED 20020513

TITLE (ENGLISH): PHARMACEUTICAL COMPOSITION CONTAINING
DEOXYRIBONUCLEOSIDES FOR WOUND HEALING
COMPOSES PHARMACEUTIQUES CONTENANT DES
DESOXYRIBONUCLEOSIDES POUR LA GUERISON DES PLAIES

TITLE (FRENCH): VON BORSTEL, Reid, Warren;
BAMAT, Michael, Kevin

PATENT ASSIGNEE(S): PRO-NEURON, INC.

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 8910129	A1	19891102

DESIGNATED STATES

W: AT AU BE CH DE DK FI FR GB IT JP KR LU NL NO SE SU
APPLICATION INFO.: WO 1989-US1728 A 19890421
PRIORITY INFO.: US 1988-186,031 19880425

L4 ANSWER 13 OF 13 PCTFULL COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER: 1989003838 PCTFULL ED 20020513

TITLE (ENGLISH): ACYL DEOXYRIBONUCLEOSIDE DERIVATIVES AND USES THEREOF
DERIVES DE DESOXYRIBONUCLEOSIDES D'ACYLE ET LEURS
UTILISATIONS

TITLE (FRENCH): VON BORSTEL, Reid, Warren;
BAMAT, Michael, Kevin

INVENTOR(S): PRO-NEURON, INC.;
VON BORSTEL, Reid, Warren;

PATENT ASSIGNEE(S): BAMAT, Michael, Kevin

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 8903838	A1	19890505

DESIGNATED STATES

W: AT AU BE BR CH DE DK FI FR GB IT JP KR LU NL NO SE SU
US

APPLICATION INFO.: WO 1988-US3824 A 19881027
PRIORITY INFO.: US 1987-115,923 19871028